

April 27, 2007



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 14455

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the one-time, one-way transportation in commerce of steam generators and steam generator sections that have been removed from service in commercial nuclear power plants, and that contain Class 7 radioactive material, to be classified as surface contaminated objects (SCO-II) and transported as non-specification packages from a licensed shipping facility to a licensed receiving facility. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
 - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED:
 - a. 49 CFR § 173.403 insofar as the steam generators or steam generator sections, and their contents containing surface contaminated object type radioactive material, may be considered SCO-II as specified herein.
 - b. 49 CFR § 173.427(b)(1) insofar as the requirement that SCO-II must be transported in authorized packagings is waived. The steam generators and steam generator sections specified in this special permit are authorized to be

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transported as non-specification packages under a specified transport plan which provides the equivalent safety to the packages and procedures required by the HMR.

c. 49 CFR § 173.465(c) insofar as modified mechanical testing is authorized.

d. 49 CFR § 173.465(d) insofar as the stacking test requirement is waived as specified herein.

5. BASIS: This special permit is based on the application of EnergySolutions, LLC dated December 20, 2006 and the technical information dated April 4, 2007 submitted in accordance with § 107.105 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Radioactive material, surface contaminated objects (SCO-II) <i>non fissile or fissile excepted</i>	Class 7	UN2913	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

(1) The steam generators and steam generator sections, and their contents, must be as described in the EnergySolutions documentation on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA).

(2) Each steam generator or steam generator section must be prepared for shipment by welding or bolting shut all nozzles, instrument penetrations, and openings using caps, closure plates, or plugs.

(3) Each steam generator or steam generator section must have been demonstrated to meet the minimum structural standards provided in the EnergySolutions documentation on file with OHMSPA.

b. OPERATIONAL CONTROLS -

(1) Transportation is limited to the continental United States and its inland waterways and coastline waters.

(2) Preparation and transportation of each steam generator and steam generator section must be conducted in accordance with the EnergySolutions documentation on file with the OHMSPA.

(3) The steam generators and steam generator sections must be consigned as exclusive use under the provisions of 49 CFR § 173.427(a)(6)(ii)-(v) including placarding.

c. COMMUNICATIONS -

(1) The outside of the steam generators and steam generator sections must be plainly and durably marked "DOT-SP 14455". Letters and numerals must be at least 0.25 inches wide and 4.0 inches high.

(2) The outside of the steam generators and steam generator sections must be marked and labeled according to the applicable provisions of the HMR for bulk packaging.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle, Cargo Vessel, Rail Freight.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle, cargo vessel, and rail freight conveyance used to transport the steam generators and steam generator sections covered by this special permit.

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11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq.:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term 'exemption' to 'special permit' and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of

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this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

A handwritten signature in blue ink, appearing to read "Deborah F. Williams", is written over a horizontal line.

for Bob Richard
Deputy Associate Administrator
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: WILLIAMSJ:dl